WyreStorm

HDMI over Single UTP Extenders

WyreStorm Technologies was one of the earliest adopters of HDBaseT technology, introducing point to point extender sets back in October 2010. Today Wyrestorm offers a variety of reliable HDMI transmission technologies for any application. Each model transports uncompressed HDMI and control over a single Cat5e/6/7 shielded or unshielded cable. PoH models feature Power-over-HDBaseT technology allowing them to be powered from the transmitter-end only.

EX-1UTP-IR-40

- Transports HDMI + 1-way IR (display to source)
- Maximum distance 40 metres @ 1080P
- Supports 6.75 Gbps, 1920x1200, 24bit Colour, 3D, HD Audio
- Includes IR receiver, IR emitter, 2 x slim power supplies, 5V USB power cable
- Dimensions each unit (W x H x D): 115 x 60 x 23mm

EX-1UTP-IR-50-POH

- Features PoH technology (powered from transmitter end)
- Transports HDMI + 2-way IR + PoH with HDBaseT technology
- Maximum distance 50 metres @ 1080P
- Dimensions each unit (W x H x D): 115 x 60 x 23mm

EX-1UTP-IR-70

- Transports HDMI + RS232 + 2-way IR with HDBaseT technology
- Maximum distance 70 metres @ 1080P
- Supports 6.75 Gbps, 1920x1200, 36bit Deep Colour, 3D, HD Audio
- Includes mounting brackets, IR Receiver, IR emitter, 2 x slim power supplies, 5V Twin USB power cable
- Dimensions each unit (W x H x D): 105 x 76 x 27mm

WyreStorm

HDMI over Single UTP Extenders

EX-1UTP-IR-100-EDID

- Transports HDMI + Ethernet + RS232 + 2-way IR with HDBaseT technology
- Maximum distance 100metres @ 1080P (cascadable up to 7 times)
- Supports 10.2 Gbps, 4k/2k, 48bit Deep Colour, 3D, HD Audio
- Features HDMI pass-through on transmitter, EDID management, auto-equalisation
- Includes mounting brackets, IR Receiver, IR emitter, 2 x slim power supplies
- Dimensions each unit (W x H x D): 119 x 105 x 28mm

EX-1UTP-IR-100-POH

- As per EX-1UTP-IR-100-EDID but with PoH (power from transmitter end)
- Dimensions each unit (W x H x D): 152 x 105 x 31mm

SW-0201-HDBT-POH switcher/extender

- Transports HDMI and VGA + audio (auto source detect, VGA has priority) + PoH with HDBaseT technology
- Maximum distance 100metres @ 1080P
- Supports 6.75 Gbps, 1920x1200, 36bit Deep Colour, 3D, 2.0 PCM audio
- Features PoH , EDID management, audio breakout on receiver
- Dimensions each unit (W x H x D): 117 x 107 x 24mm

HDMI over Single Coax Extender

EX-1COAX-IR-75

- Transports uncompressed HDMI + 2-way IR over single 75ohm RG6 coax
- Maximum distance 60 metres @ 1080P
- Includes mounting brackets, IR receiver, IR emitter, 2 x slim power supplies
- Dimensions each unit (W x H x D): 152 x 105 x 31mm

Extender Model	Cable	Transports	Transmission Technology	Maximum Distance @ 1080P
EX-1UTP-IR-40	Single Cat5e/6/7 UTP or STP	HDMI + 1-way IR (display to source)	HDBaseT	40mtrs
EX-1UTP-IR-50-POH	Single Cat5e/6/7 UTP or STP	HDMI + 2-way IR + PoH	HDBaseT	50mtrs
EX-1UTP-IR-70	Single Cat5e/6/7 UTP or STP	HDMI + RS232 + 2-way IR	HDBaseT	70mtrs
EX-1UTP-IR-70-AMP	Single Cat5e/6/7 UTP or STP	HDMI + RS232 + 2-way IR + audio amp + preamp + HDBaseT pass-through	HDBaseT	70mtrs
SW-0201-HDBT-POH	Single Cat5e/6/7 UTP or STP	HDMI + VGA + audio + PoH	HDBaseT	100mtrs
EX-1UTP-IR-100-EDID	Single Cat5e/6/7 UTP or STP	HDMI (with pass-through) + Ethernet + RS232 + 2-way IR	HDBaseT	100mtrs
EX-1UTP-IR-100-POH	Single Cat5e/6/7 UTP or STP	HDMI (with pass-through) + Ethernet + RS232 + 2-way IR + PoH	HDBaseT	100mtrs
EX-1COAX-IR-75	Single 75ohm coax	HDMI + 2-way IR	Other	60mtrs

WyreStorm

HDBaseT Amplifier / Extender / Repeater

Wyrestorm proudly introduces the new AMP-001-101 HDBT Receiver with Class D audio amplifier. This highly versatile HDBaseT Receiver provides HDMI output, stereo amplification, 2.1 audio preout, 3:1 audio switcher selecting between HDBaseT/UTP input, HDMI ARC (audio return channel), local audio input, and is only 31mm deep. There's a choice of RS232 or IR display control. The HDBaseT pass-through allows the receiver to be cascaded up to 7 times in a single zone. The AMP-001-101 can be controlled by IR remote or addressable RS232 via the HDBaseT cable, or Wyrestorm's Enado user interface due for release late 2013. The AMP-001-101 can be purchased as an extender kit or standalone to cascade on the extender or use with a matrix. Refer to the Wyrestorm Pro Plus range of matrices.

AMP-001-010

- HDBaseT Amplifier / Extender / Repeater
- Outputs HDMI + RS232 + 2-way IR + stereo amplifier + HDBT + 2.1 preamp
- Features 2x25watt stereo amplifier, 3:1 audio switcher for HDBaseT, ARC or local analogue audio
- Includes 2.1 preamp with adjustable crossover, level and EQ
- Supports 6.75 Gbps, 1920x1200, 36bit Deep Colour, 3D, HD Audio
- Maximum distance 70metres @ 1080P (cascadable up to 7 times)
- Includes software, remote, IR receiver, power supply
- Dimensions (W x H x D): 202 x 178 x 31mm

EX-1UTP-IR-70-AMP

- As per AMP-001-010 but packaged with a TX-70-IR-PP HDBaseT/UTP transmitter
- Cascade up to 7 x AMP-001-010 from a single transmitter

HDMI Splitters

Compact, HDCP-compliant HDMI splitters perfect for residential, commercial and hospitality installations. Mix and match and cascade with extender sets to cover large installations. All models support resolutions up to 1920x1200/60, 3D and HD Audio.

Splitter Model	HDMI INPUTS	HDMI OUTPUTS
SP-0102	1	2
SP-0104	1	4
SP-0108	1	8
SP-0112	1	12
SP-0208	2 (IR selectable)	8

WyreStorm

HDMI Switchers

Choose from simple IR controlled HDMI switching, or for more sophisticated installations there is RS232 control, ARC, scaling and EDID management.

SW-0301

- Compact 3x1 HDMI switcher
- IR (remote supplied) or front panel control

SW-0501

- Compact 5x1 HDMI switcher
- IR (remote supplied) or front panel control

SW-0401

- Compact 4x1 HDMI switcher/scaler
- Supports HDMI ARC (audio return channel) and provides optical and coaxial SPDIF output
- Features video scaling and EDID management
- Control by RS232, IR (remote supplied) or front panel

Presentation Switchers

These switchers cater for a variety of different formats and switch output to HDMI. Perfect for presentation systems and conference spaces etc.

SW-0801

- Compact 8x1 multi-format switcher/de-interlacer
- Inputs: 3 x HDMI, 2 x YUV + stereo, 1 x VGA + stereo, 2 x AV
- Outputs: 1 x HDMI
- Control Options: Remote control, ext. IR, front panel buttons
- Dimensions (W x H x D): 195 x 70 x 35mm

SW-1102

- Rack-mount 11x2 multi-format switcher/scaler
- Inputs: 4 x HDMI, 1 x VGA + stereo, 1 x S-Video, 2 x AV, 2 x YUV+ stereo, 1 x DVI-I
- Outputs: 2 x mirrored HDMI + stereo and optical audio
- Scales to 720P, 1080P or bypass
- Control Options: RS232, remote control, ext. IR, front panel buttons
- Dimensions (W x H x D): 430 x 48 (1RU) x 200mm

PS0901-010 PRESENTATION SWITCHER (early 2014)

- Rack-mount 9x2 multi-format switcher
- Nine mixed-format inputs including HDMI, HDBaseT, DisplayPort, Composite, Component, and VGA, as well as nine discrete audio inputs including microphone
- HDMI and HDBaseT Outputs
- Featuring "Quick-Switch" technology
- Upscaling , downscaling and auto-scaling
- Built-in stereo amplifier
- IR, RS232 or IP control

CASCADE TX & RX (early 2014)

- TX-CASCADE connects to HDBaseT input on Presentation Switcher to add 3 further Inputs up to 100m away (HDMI, VGA and DisplayPort)
- RX-CASCADE connects to HDBaseT output to extend display distance to 100m and extend again to further displays by cascading more RX units at 100m intervals

WyreStorm

HDMI to HDMI Matrix Switchers

Simple, low cost solutions for routing multiple HDMI Inputs to multiple HDMI displays using HDMI cables or extenders for remote displays. All models support resolutions up to 1920x1200, 3D, HD Audio, HDCP and feature simple EDID management.

MX-0402-STD

- Compact 4 input, 2 output HDMI matrix switcher
- IR (remote supplied) or front panel control
- Dimensions (W x H x D): 204 x 29 x 96mm

MX-0404-STD

- Compact 4x4 HDMI matrix switcher
- IR (remote supplied) or front panel control
- Dimensions (W x H x D): 300 x 26 x 96mm

MX-0404-STD-RS232

- Rackmount 4x4 HDMI matrix switcher
- RS232, IR (remote supplied) or front panel control
- "Constant HDCP" for enhanced switching quality
- Dimensions (W x H x D): 442 x 44 (1RU) x 96mm

MX-0808-4K

- 1RU rackmount "Full Loading 4K" 8x8 HDMI matrix switcher
- Superior chipset maintains stability when splitting and switching multiple 4K sources and displays
- Supports Audio Return Channel (ARC) from display
- Audio de-embedded from each source
- IP, RS232, IR (remote supplied) or front panel control
- Additional products in this range will include 1:2, 1:4, 1:8 4K Splitters using the same Full Loading platform to ensure total stability

WyreStorm

HDMI to UTP Matrix Switchers

Wyrestorm HDMI to UTP matrix switchers utilise the same robust single-cable transmission technologies as the point-to-point extenders. Each model transports uncompressed HDMI and control over a single Cat5e/6/7 shielded or unshielded cable.

Quick Install (QI) Range

MX-0404-QI

- 4x4 HDMI to UTP matrix bundled with 4 receivers
- Inputs: 4 x HDMI
- Outputs: 4 x single Cat5e/6/7 (UTP or STP)
- Maximum distance: 40 metres @ 1080P
- Transports: HDMI + 1-way IR (display to source)
- Switcher control: RS232, IP, remote control, ext.IR, remote IR, front panel buttons
- Source control: routed IR pass-through from supplied UTP Receivers
- Included UTP receivers: 4 x RX-1UTP-IR-40 (each includes IR receiver, slim power supply, 5V USB cable)
- Switcher dimensions (W x H x D): 440 x 52 (1RU) x 235mm
- Receiver dimensions (W x H x D): 60 x 115 x 23mm

Pro Plus (PP) Range

The Wyrestorm PP matrices use 2nd generation HDBaseT technology (HDBaseT Lite chipset) transporting uncompressed HDMI, with 2-way IR control up to 70m over a single Cat5e/6/7 cable, either shielded or unshielded. Each matrix output features a UTP plus a parallel HDMI output for local displays, or use with coax extender, or 100 metre HDBT extenders where extra distance or Ethernet is required.

MX-0404-PP / MX-0606-PP / MX-0808-PP

- 4x4 / 6x6 / 8x8 HDMI to UTP matrix switcher
- Rack Mountable: 4x4 (1RU), 6x6 (2RU), 8x8 (2RU)
- Outputs: 4/6/8 x single Cat5e/6/7 (UTP or STP) + parallel HDMI
- Maximum distance: 70 metres @ 1080P
- Transports: HDMI + 2-way IR (RS232 is also possible by using RS232-capable extender on HDMI output)
- Switcher Control: RS232, IP, remote control, ext.IR, remote IR, front panel buttons
- Source Control: routed IR pass-through from UTP Receivers
- Receiver Options (sold separately) : RX-70-IR-PP or AMP-001-010

RX-70-IR-PP

- 70 metre Pro Plus UTP Receiver
- Outputs: HDMI + 2-way IR + RS232
- Includes IR receiver, slim power supply, 5V dual-USB cable

Pro Plus (PP) PoH Range

Featuring the same robust 70mtr HDBaseT transmission technology as the standard PP range, but with the added convenience and flexibility of PoH (power over HDBaseT).

MX-0808-POH / MX-1616-POH (late 2013)

- As per PP range but featuring PoH (power over HDBaseT)
- Routable RS232 (connects a single RS232 port on matrix to any UTP Receiver)
- 8x8, 16x16 (or modular configurations)
- Receiver options (sold separately) : RX-70-IR-PP, RX-70-PP-POH, RX-70-PP-POH-IW (in-wall), AMP-001-010

WyreStorm

HDMI to UTP Matrix Switchers

Pro Plus (PP) PoH Modular Range

MX-0808-CHASSIS / MX-1616-CHASSIS

The modular chassis and PoH card options provide the ability to create a variety of system configurations for countless AV applications. Flexible and powerful enough to create both very simple solutions and complex digital distribution systems alike.

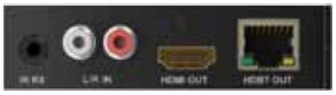
- 2RU and 3RU PoH modular matrix chassis
- Transports: HDMI + 2-way IR + RS232 + PoH
- Switcher Control: RS232, IP, remote control, ext.IR, remote IR, front panel buttons
- Routable RS232 (connects a single RS232 port on the matrix to any display/UTP receiver)
- Receiver options (sold separately) : RX-70-IR-PP, RX-70-PP-POH, RX-70-PP-POH-IW (in-wall), AMP-001-010
- Choose from a variety of PoH TX card options

Pro Plus Modular PoH cards

- TX-POH-010: MIRROR HDMI OUT / HDBT OUT POH CARD
- TX-POH-020: HDMI PASS THRU / HDBT OUTPUT POH CARD
- TX-POH-030: AUDIO OUTPUT CARD / HDBT OUT POH CARD
- TX-POH-040: AUDIO INPUT / HDBT OUTPUT POH CARD
- TX-POH-050: DVI INPUT / HDBT OUTPUT POH CARD
- TX-POH-060: HDBT OUTPUT POH CARD
- TX-POH-070: VGA + AUDIO IN / HDBT OUTPUT POH CARD
- TX-POH-080: HDMI INPUT ONLY

TX-POH-010

TX-POH-020



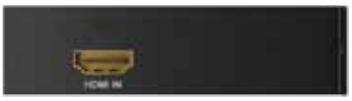
TX-POH-030

TX-POH-040

TX-POH-050

TX-POH-060

TX-POH-070



TX-POH-080

Matrix Range	Cable	Transports	Transmission Technology	Configurations	Maximum Distance @ 1080P	Switcher Control
STD - Standard HDMI	HDMI	HDMI (1080P)	HDMI	4x2, 4x4	15mtrs	Local IR, manual, (MX-0404-STD-RS232 also has RS232)
Full Loading 4K - 4K HDMI	HDMI	HDMI (4k2k)	HDMI	8x8	15mtrs	Local IR, IP, RS232, manual
QI - Quick Install	Single Cat5e/6/7 UTP or STP	HDMI + 1-way IR (display to source)	Other	4x4	40mtrs	Local IR, remote IR, IP, RS232, manual
PP - Pro Plus	Single Cat5e/6/7 UTP or STP	HDMI + 2-way IR (+ RS232 via extender)	HDBaseT	4x4, 6x6, 8x8	70mtrs	Local IR, remote IR, IP, RS232, manual
PP PoH - Pro Plus PoH	Single Cat5e/6/7 UTP or STP	HDMI + 2-way IR + Routable RS232 + PoH	HDBaseT	8x8, 16x16, customisable with choice of 8 modular digital and analogue transmission cards	70mtrs	Local IR, remote IR, IP, RS232, manual

WyreStorm

Format Convertors

Wyrestorm compact HD format converters provide a solution to integrate older analogue AV sources into today's screens or feed into HDMI matrix systems.

CON-YUV-HD

- Converts component /YUV video + SPDIF stereo audio to HDMI

CON-CBS-HD

- Converts composite video + stereo analogue audio to HDMI

CON-VGA-HD

- Converts VGA + stereo analogue audio to HDMI

Test Equipment

Developed to assist commercial and residential integrators with the ability to diagnose AV systems and digital connectivity on installations. A particularly useful tool for assessing existing cabling prior to installation.

TT-Monitor

- The 7" HDMI colour test monitor is designed to test cabling and installation components in real time.
- Recognises DVI and HDMI resolutions up to 1920 x 1200/60
- Displays information such as video resolution, frequency, colour depth, digital format, HDCP compliance and audio resolution
- Built-in speaker and line-level audio output
- Choose from a list of common EDID resolutions or read and store EDID for display emulation
- Includes remote control, IR receiver, desk stand, power supply
- Dimensions (W x H x D): 177 x 114 x 30mm

TT-Signal

- HDMI/DVI signal generator
- 32 preset patterns
- 16 preset resolutions (480i to 1920x1200/60), 7 user-defined resolutions and 1 auto resolution
- HDCP encryption on/off
- Adjustable colour space and colour depth
- Audio tone with adjustable sampling rate and bit depth
- Dimensions (W x H x D): 162 x 30 x 111mm

WyreStorm

Enado Control Systems (early 2014)

Enado is Wyrestorm's innovative solution for controlling AV sources. The Enado control interface is accessible through any compatible web browser on any device without an app. Installations are configured using Enado's straightforward "no-programming" browser-based configuration tool and operate on tablet computers, Smart-TVs, smartphones, iPod Touch, desktop computers, games consoles, and so on, can all be used to control the system.

Screen control feedback of room and source selected
Drawing Room
Sky-HD 1
Enado simplifies control of TV, Cinema, Music, Blu Ray/DVD, security cameras, Internet Media streams and distribution to multiple rooms
Preview of current selected output source
Sources can be configured specifically for the particular home and the preferences of the occupants
Date and time recognition with 24 hour clock
10:26
enado